

24W SemiFlex Solar Panel with Built-In Charge Controller for Thermo King Precedent TRU

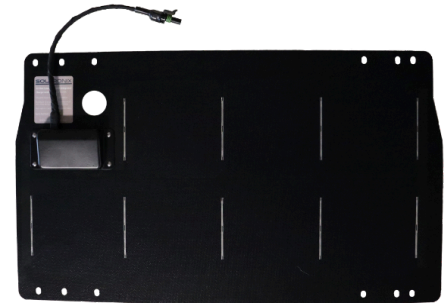
Applications: TRU Battery management for Thermo King Precedent.

Keep your fleet running smoothly with the 24W SemiFlex Solar Panel, designed for commercial transportation. This maintenance-free solution supports TRU batteries, helping fleet managers prevent starting battery failures and reduce downtime.

The Integrated PowerBoost Charge Controller maximizes solar output for 12V battery systems, extending battery life, preventing overcharging, and reducing maintenance expenses.

The panel attaches easily to the metal frame of the TRU with four self-tapping screws. Older Thermo King units may need rubber feet as spacers between the panel and metal frame to avoid height obstructions. (Screws and spacers are not included).

The 24W SemiFlex Solar Panel helps fleets stay on schedule by reducing jumpstarts, extending battery life, and cutting maintenance costs—improving reliability, efficiency, and overall performance.



Benefits:

- Built-in PowerBoost Charge Controller for optimized charging and battery safety
- Rugged, self-cleaning surface
- High-efficiency Maxeon cells for maximum power output
- Designed, engineered, and assembled in the USA
- Tested to meet or exceed performance standards

PowerFilm[®]

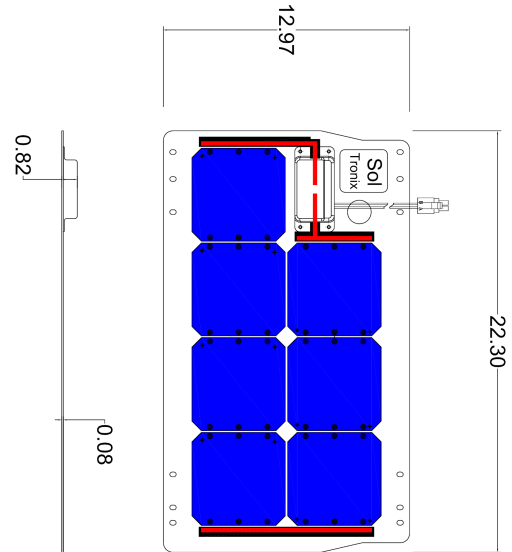
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Electrical Characteristics

Battery Charge Type	12V Battery (Flooded, AGM, or LiFePO)
Charging Voltage	13.8V (float) 14.5 (max)
Charging Efficiency	88-91% with integrated PowerFilm charge controller
Output To PowerBoost Charge Controller	Nominally 24W
Effective Power To Battery	21.1W

*Typical specs measured at STC. Contact PowerFilm for maximum specs and tolerances for custom designs or complex applications.



Physical Characteristics

Kit Part Number	CTK-TK-24-15 <i>The kit includes a solar panel, a wiring harness, and installation hardware.</i>
Dimensions	22.30 x 12.97 x 0.1 inches 566.4 x 329.4 x 2.5 mm
Weight	1.9 lbs / 0.9 kg

Thermal Characteristics

Temperature Coefficient for Power	-0.27%/°C
Temperature Coefficient for Voltage	-0.236%/°C
Temperature Coefficient for Current	0.058%/°C

Connector

- Aptiv Weather Pack

Certifications

- CE
- RoHS

IV Curve

